



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231  
[www.uspto.gov](http://www.uspto.gov)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/071,664	05/01/1998	SHMUEL SHAFFER	98P7512US	5737

7590                    03/19/2003

SIEMENS CORPORATION  
INTELLECTUAL PROPERTY DEPARTMENT  
186 WOOD AVENUE SOUTH  
ISELIN, NJ 08830

EXAMINER

BUI, BING Q

ART UNIT

PAPER NUMBER

2642

DATE MAILED: 03/19/2003

25

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	Application No. <b>09/071,664</b>	Applicant(s) <b>Shaffer et al</b>
	Examiner <b>Bing Bui</b>	Art Unit <b>2642</b>
 <i>-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --</i>		
<p><b>Period for Reply</b></p> <p>A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE <u>3</u> MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.</p> <p>- Extensions of time may be available under the provisions of 37 CFR 1.136 (a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.</p> <p>- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.</p> <p>- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.</p> <p>- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).</p> <p>- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).</p>		
<p><b>Status</b></p> <p>1) <input checked="" type="checkbox"/> Responsive to communication(s) filed on <u>Jan 7, 2003</u>.</p> <p>2a) <input checked="" type="checkbox"/> This action is FINAL.      2b) <input type="checkbox"/> This action is non-final.</p> <p>3) <input type="checkbox"/> Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under <i>Ex parte Quayle</i>, 1935 C.D. 11; 453 O.G. 213.</p>		
<p><b>Disposition of Claims</b></p> <p>4) <input checked="" type="checkbox"/> Claim(s) <u>1-16, 18, and 19</u> is/are pending in the application.</p> <p>4a) Of the above, claim(s) _____ is/are withdrawn from consideration.</p> <p>5) <input type="checkbox"/> Claim(s) _____ is/are allowed.</p> <p>6) <input checked="" type="checkbox"/> Claim(s) <u>1-16, 18, and 19</u> is/are rejected.</p> <p>7) <input type="checkbox"/> Claim(s) _____ is/are objected to.</p> <p>8) <input type="checkbox"/> Claims _____ are subject to restriction and/or election requirement.</p>		
<p><b>Application Papers</b></p> <p>9) <input type="checkbox"/> The specification is objected to by the Examiner.</p> <p>10) <input type="checkbox"/> The drawing(s) filed on _____ is/are a) <input type="checkbox"/> accepted or b) <input type="checkbox"/> objected to by the Examiner. Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).</p> <p>11) <input type="checkbox"/> The proposed drawing correction filed on _____ is: a) <input type="checkbox"/> approved b) <input type="checkbox"/> disapproved by the Examiner. If approved, corrected drawings are required in reply to this Office action.</p> <p>12) <input type="checkbox"/> The oath or declaration is objected to by the Examiner.</p>		
<p><b>Priority under 35 U.S.C. §§ 119 and 120</b></p> <p>13) <input type="checkbox"/> Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).</p> <p>a) <input type="checkbox"/> All b) <input type="checkbox"/> Some* c) <input type="checkbox"/> None of:            1. <input type="checkbox"/> Certified copies of the priority documents have been received.            2. <input type="checkbox"/> Certified copies of the priority documents have been received in Application No. _____.            3. <input type="checkbox"/> Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).</p>		
<p>*See the attached detailed Office action for a list of the certified copies not received.</p> <p>14) <input type="checkbox"/> Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e). a) <input type="checkbox"/> The translation of the foreign language provisional application has been received.</p> <p>15) <input type="checkbox"/> Acknowledgement is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.</p>		
<p><b>Attachment(s)</b></p> <p>1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)      4) <input type="checkbox"/> Interview Summary (PTO-413) Paper No(s). _____</p> <p>2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)      5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)</p> <p>3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449) Paper No(s). _____      6) <input type="checkbox"/> Other: _____</p>		

Art Unit: 2742

## DETAILED ACTION

1. This action is in response to applicant's response filed on Jan 07, 2003. Claims 1-16 and 18-19 are now pending in the present application. **This action is made final.**

### ***Claim Rejections - 35 USC § 103***

2. Claims 1-16 and 18-19 are rejected under 35 U.S.C. 103(a) as being unpatentable over Smiley et al (US Pat No 5,982,863), of record, in view of Goss et al (US Pat No. 6,493,447).

**Regarding claim 1,** with respect to Figure 1, Smiley et al teach a method for providing an automated call connection system comprising the steps of:

a patient 14 (first user) contacting a Doctor Care Unit (DCU) server 18 (call server) (col 3, In 54-55);  
the patient 14 (first user) requesting the DCU server 18 to deliver a call back request to a doctor (second user) by pressing number "1" on his telephone (col 4, In 36-38);

the DCU server 18 notifies the doctor (second user) that he has call back request (sending the call back request to the doctor (second user)) (col 6, In 20-23);

the DCU server 18 prompting the doctor (second user) whether to call the patient 14 (first user) back (col 6, In 24-36);

Art Unit: 2742

the doctor (second user) optionally signaling acceptance of the call back request to the DCU server 18 by pressing number "1" on his telephone (col 6, ln 43-44); and if the doctor (second user) clicks on button 312 (signals) to accept the call back request, the DCU server 18 automatically dials the patient 14 for attempting to connect the patient 14 (first user) and the doctor (second user) (Fig 6, element 312; col 6, ln 43-44 and col 7, ln 18-21).

Smiley et al fail to teach the method in which the server immediately attempting to contact the second user based on the first user requesting. However, Goss et al teach a method in which a contact server can immediately determine if an agent is available right after receiving request for call-back from a customer, and if the agent is available, enabling the agent to place a telephone call to the number provided by the customer. Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to include the method of immediately determining an available agent for returning call to a customer right after receiving the customer's call-back request, as taught by Goss et al, into communication system of Smiley et al in order to promptly provide services to customer, especially to the customer who has urgent needs.

**Regarding claim 2,** Smiley et al teach a method of providing an automated call connection system as defined in claim 1, further comprising the step of: the DCU server

Art Unit: 2742

18 using a separate packet based network to determine if the second user is ready to accept the call back request (fig. 2 and col 2, ln 37-In 63).

**Regarding claim 3,** Smiley et al teach a method of providing an automated call connection system as defined in claim 1, further comprising the step of: the DCU server 18 bypassing call toll charges by using a packet based network for the sending of call back requests (fig. 2 and col 2, ln 37-In 63).

**Regarding claim 4,** Smiley et al teach a method of providing an automated call connection system as defined in claim 1, in which the DCU server 18 initiates a call from a device of the doctor (second user) (Col 4, ln 37-39 and col 7, ln 18-21).

**Regarding claim 5,** Smiley et al teach a method of providing an automated call connection system as defined in claim 1, wherein the patient 14 (first user) may request for call back via at least one of an E-mail message using computer 14c, a facsimile using fax machine 14b (Fig 1 and col 1, ln 12-26).

**Regarding claim 6,** Smiley et al teach a method of providing an automated call connection system as defined in claim 1, wherein the prompt is provided to the doctor (second user) on a telephone display (Fig 6 and col 6, ln 20-In 31).

**Regarding claim 7,** Smiley et al teach a method of providing an automated call connection system as defined in claim 1, wherein the patient 14 (first user) uses a voice mail system to request the call back (col 7, ln 27-In 43).

Art Unit: 2742

**Regarding claim 8,** Smiley et al teach a method of providing an automated call connection system as defined in claim 1, further comprising the step of:

maintaining a connection between the first user and the second user for a predetermined period of time (col 4, ln 66 col 5, ln 7);

wherein the predetermined period of time is specified by the first user (col 4, ln 66 col 5, ln 7).

**Regarding claim 9,** Smiley et al teach a method of providing an automated call connection system as defined in claim 1, wherein the first user is provided with the option of placing a message in a voice mail system (col 7, ln 27-In 43).

**Regarding claim 10,** Smiley et al teach a method of providing an automated call connection system as defined in claim 1, wherein a personal digital assistant is used by the patient 14 (first user) to request the call back (col 2, ln 64-In 11).

**Regarding claim 11,** Smiley et al teach a system for providing an automated call connection comprising:

a first user input for initiating and sending a call back request (fig. 5 and col 6, ln 11-In 49);

a second user output for receiving the call back request (fig. 5 and col 6, ln 11-In 49);

a server for transferring the call back request from the first user output device to the second user output device and for prompting the second user whether to call

Art Unit: 2742

back the first user, and, if the second user signals to the network connection to return the call, for automatically attempting to connect the first user and the second user (fig. 5 and col 6, ln 11-In 49).

Smiley et al fail to teach the method in which the server immediately transfers the call-back request to the second user based on the first user requesting. However, Goss et al teach a method in which a contact server can immediately determine if an agent is available right after receiving request for call-back from a customer, and if the agent is available, enabling the agent to place a telephone call to the number provided by the customer. Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to include the method of immediately determining an available agent for returning call to a customer right after receiving the customer's call-back request, as taught by Goss et al, into communication system of Smiley et al in order to promptly provide services to customer, especially to the customer who has urgent needs.

**Regarding claim 12,** Smiley et al teach a system for providing an automated call connection as defined in claim 11, wherein the server connects to a separate packet based network, the separate packet based network determining if the second user is ready to accept the call back request (fig. 2 and col 2, ln 37-In 63).

Art Unit: 2742

**Regarding claim 13,** Smiley et al teach a system for providing an automated call connection as defined in claim 12, wherein call toll charges are bypassed through use of the packet based network (fig. 2 and col 2, ln 37-1n 63).

**Regarding claim 14,** Smiley et al teach a system for providing an automated call connection as defined in claim 11, wherein the first user input is at least one of a personal data assistant, a computer, a telephone and a facsimile machine (fig. 2 and col 2, ln 37-1n 63).

**Regarding claim 15,** Smiley et al teach a system for providing an automated call connection as defined in claim 11, wherein the second user output is at least one of a personal data assistant, a computer, a telephone and a facsimile machine (fig. 2 and col 2, ln 37-1n 63).

**Regarding claim 16,** Smiley et al teach a system for providing an automated call connection as defined in claim 11, wherein the first user call back request is sent via at least one of an E-mail message, a page and a facsimile (Fig 1 and col 1, ln 12-1n 26).

**Regarding claim 18,** Smiley et al teach a system for providing an automated call connection as defined in claim 11, wherein the first user uses a voice mail system to request the call back (col 7, ln 27-1n 43).

**Regarding claim 19,** Smiley et al teach a system for providing an automated call connection as defined in claim 11, wherein the network connection is maintained for a

Art Unit: 2742

predetermined period of time, and the predetermined period of time is specified by the first user (col 4, ln 66 col 5, ln 7).

***Response to Arguments***

3. Applicant's arguments with respect to claims 1 and 11 have been considered but are moot in view of the new ground(s) of rejection.

***Conclusion***

4. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Art Unit: 2742

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Bing Bui whose telephone number is (703) 308-5858. The examiner can normally be reached on Monday through Thursday from 7:30 to 5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ahmad Matar, can be reached on (703) 305-4731. The fax phone number for the organization where this application or proceeding is assigned is (703) 872-9314 and for formal communications intended for entry (please label the response "EXPEDITED PROCEDURE") or for informal or draft communications not intended for entry (please label the response "PROPOSED" or "DRAFT").

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 305-4700.

Bing Bui  
Mar 12, 2003



AHMAD MATAR  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2600